

10/520626

Attorney's Docket No. 017753-200

DT1 PCT/PTO 10 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	
	)	
Manuel Rosa-Calatrava et al.	)	Group Art Unit:
	)	
Application No.: NEW	)	Examiner:
	)	
Filed: January 10, 2005	)	Confirmation No.:
	)	
For: MODIFIED ADENOVIRAL FIBER WITH	)	
ABLATED TO CELLULAR	)	
RECEPTORS	)	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

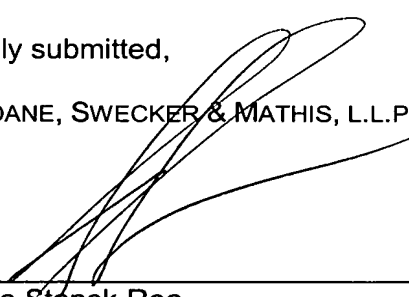
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date January 10, 2005

By:

  
Teresa Stanek Rea  
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(use as many sheets as necessary)

**Complete if Known**

**Attorney Docket Number**

Manuel Rosa-Calatrava et al.

017753-200

Issue/Publication Date  
(MM-DD-YYYY)

Spec
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Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO &amp; 1449B/PTO

# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number 10/520626  
 Filing Date January 10, 2005  
 First Named Inventor Manuel Rosa-Calatrava et al.  
 Examiner Name  
 Attorney Docket Number 017753-200

## **U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	J.L. JAKUBCZAK et al., "Adenovirus type 5 viral particles pseudotyped with mutagenized fiber proteins show diminished infectivity of coxsackie B-adenovirus receptor-bearing cells," JOURNAL OF VIROLOGY, Vol. 75, No. 6, March 2001, pp. 2972-2981
	I. KIRBY et al., "Identification of contact residues and definition of the Car-binding site of adenovirus type 5 fiber protein...", JOURNAL OF VIROLOGY, The American Society for Microbiology, US, Vol. 74, No. 6, March 2000, pp. 2804-2813
	I. KIRBY et al., "Mutations in the DG loop of adenovirus type 5 fiber knob protein abolish high-affinity binding to its cellular receptor car," JOURNAL OF VIROLOGY, The American Society for Microbiology, US, Vol. 73, No. 11, November 1999, pp. 9508-9514
	MONIKA: "Transductional targeting with recombinant adenovirus vectors," CURRENT GENE THERAPY, Vol. 2, No. 3, September 2002, pp. 323-339

Examiner Signature	Date Considered
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